

12Cyl

Mercury3 ECU Layout

Wire Colors		Software Selectable				Software Selectable				Wire Colors					
		Sim leds	Priority3	Priority2	Priority1	Priority1	Priority2	Priority3	Sim leds						
M61-P1	M60-P1					P1 - 12 Way Input					M60-P1	M61-P1			
Yellow/Red	Yellow/Red					Water Temp	7	1		Air Temp		Yellow/Black	Yellow/Black		
Yellow/Green	Yellow/Green					Lambda	8	2		TPS		Green/Black	Green/Black		
Red	Red					.+5 Volt Out	9	3		MAP		Green Red	Green Red		
Orange	Orange					.+12 Volt Ign	10	4		GND		Black	Black		
	Blue					TDC Sensor	11	5		Cam2 Sensor		Red			
Blue	Blue					Crank Sensor	12	6		Cam1 Sensor		Red	Red		
M68-P2 / M69-P2 / M62-P2						P2 - 10 Way Output					M62-P2 / M69-P2 / M68-P2				
3-Relay	Red/Yellow	P2			Coil Drv 2	P2 12 Volt	6	1		P1 12 Volt	Coil Drv 1	P1	Red/White	3-Relay	
2-Relay	Red/Green	P4			Coil Drv 4	P4 12 Volt	7	2		P3 12 Volt	Coil Drv 3	P3	Red/Orange	2-Relay	
No-Relay	Red/Black	P6			Coil Drv 6	P6 12 Volt	8	3		P5 12 Volt	Coil Drv 5	P5	Red/Blue	No-Relay	
	N/C	E Rel				Electronic Relay	9	4		Relay Out		Relay	Blue		
	Red					.+12 Volt In	10	5		.+12 Volt In			Red		
	M63-P3					P3 - 8 Way Output					M63-P3				
	Black/Red	N6			Inj Drv 6	N6 Ground	5	1		N5 Ground	Inj Drv 5	N5	Black/Purple		
	Black/Brown	N4			Inj Drv 4	N4 Ground	6	2		N3 Ground	Inj Drv 3	N3	Black/Orange		
	Black/Yellow	N2			Inj Drv 2	N2 Ground	7	3		N1 Ground	Inj Drv 1	N1	Black/White		
	Green	RPM		GP3	RPM out	RPM Out	8	4		GP1 Out	GP1	Anti-Lag	GP1	Blue/Orange	
	M64-P4					P4 - 6 Way In/Output					M64-P4				
	Brown					Fuel Sensor	4	1		GP2 Out	GP2		GP2	Blue/White	
	Green/Yellow					POT	5	2		Altitude				Purple	
	Red					.+5 Volt Out	6	3		GND				Black	
	M65-P5					P5 - 4 Way Output					M65-P5				
	Blue/Red	N8		GP5	Cam 2	N8 Ground	3	1		N7 Ground	Cam 1	GP4	N7	Blue/Grey	
	Red/Black	P8		GP7	Dual Idle	P8 12 Volt	4	2		P7 12 Volt	Fuel Pump	Idle Valve	GP6	P7	Red/Blue
	USB					Comms - 6 Way USB/Firm					USB				
	N/C					Programmer 2	4	1		Programmer 1				N/C	
	Yellow					Receive	5	2		Transmit				Green	
	Red					.+5 Volt Out	6	3		GND				Blue	

Note!! Coil and Injector numbers used here are firing phases from the ECU. It is not the actual firing order on your engine. Refer to the drawings for Phase to firing order comparison.